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SOURCE Newspapers and periodical as indicated.

MOINTY-CHU RR CONSTRUCTION PROGRESSES;  
REPORT ADVANCES IN ELECTRIFICATION, NEW EQUIPMENT

HOPE TO JOIN TRACK BY 7 NOVEMBER -- Kazakhstanskaya Pravda, 30 Jul 50

The construction of the 400-kilometer Mointy-Chu railroad line is progress-  
 ing at full speed. The volume of earthwork executed on the line already exceeds  
 6 million cubic meters. Rails and ties have been laid on more than 300 kilo-  
 meters of roadbed.

Track laying is proceeding from both ends of the line. Construction workers,  
 equipped with Platon track-laying machines, are striving to connect the line at  
 the shores of Lake Balkhash by 7 November of this year.

On the northern sector of the line, 167 kilometers of rails have been laid,  
 and the work trains are already running along the shore of Lake Balkhash. On  
 the southern end, the line stretches 133 kilometers from the Turkestan-Siberian  
 Railroad System.

EIGHTEEN SYSTEMS USE ELECTRIC TRACTION -- Krasnaya Zvezda, 30 Jul 50

At present electric traction is being used on 18 railroad systems of the  
 USSR. In Moscow, Leningrad, Baku, Kuybyshev, and Tallin electric traction  
 is used in suburban passenger traffic.

ELECTRIFIED LINES TO SAVE FUEL -- Prace a Vynalezzy, 20 Aug 50

In the USSR, only the heavy-traffic lines are being electrified, and on  
 the longer and less used lines Diesel locomotives are beginning to be used al-  
 most exclusively. A total of 5.2 million tons of coal and petroleum will be  
 saved by the construction of 5,000 kilometers of electrified lines. These are  
 to be completed by 1950 and will raise the length of the entire electrified net-  
 work to about 7,000 kilometers.

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TEST NEW 4-8-4 LOCOMOTIVE -- Leningradskaya Pravda, No 179, 30 Jul 50

Tests on a new Soviet steam locomotive with a 4-8-4 wheel arrangement began recently on the October Railroad System.

LENINGRAD PLANT PRODUCES NEW CARS -- Leningradskaya Pravda, 29 Jul 50

The Railroad Car Building Plant imeni Yegorov has produced a test model of an all-metal passenger car with soft seats. The car has eight four-seat compartments.

Serial production of these cars is being begun in the plant.

Leningradskaya Pravda, 6 Jul 50

The plant imeni Yegorov has organized the production of all-metal postal cars and will produce some tens of the cars this year.

INTRODUCE NEW TRACK-LAYING TRUCK -- Vechernyaya Moskva, 29 Jul 50

The "Mashinostroitel'" Plant is finishing the first test assembly of a track-laying truck invented by Engineer Arutyunyan. The new machine will permit new railroad tracks to be laid with the greatest speed.

IMPROVE TRACK MAINTENANCE EQUIPMENT -- Izvestiya, 30 Jul 50

Great changes have taken place in track maintenance. In recent years many new, highly-productive track machines have been created. The Balashenko earth-removal machine replaces up to 400 men per shift. Trains made up of the Ignat'yev-Barykin self-discharging cars have completely mechanized the operation of unloading ballast. The electric ballaster designed by Aleshin, Dev'yakovich, Barykin, Lobanov, and others permits track of any type to be raised exactly and quickly with the aid of powerful electromagnets. There is no such machine in any other country in the world. The snow plow designed by Orlov, Gulenko, et al can be used in the summer time to trim ballast shoulders, cut ditches, etc. The Platov track-laying machine completely mechanizes the process of removing old and laying new track when track is being reconstructed.

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